

U.S. Pat. App. No.: 10/086,644
Atty. Docket No.: 005127.00197

VERSION WITH MARKINGS TO SHOW CHANGES MADE

The above-identified application has been amended as follows:

IN THE CLAIMS:

Claim 1 has been amended as follows:

1. (Amended) A device for calculating a pace, comprising:
a chronograph for measuring an elapsed time;
a distance memory containing a distance; and
a pace calculation process which calculates a pace by dividing the distance contained in the distance memory by [an] the elapsed time provided by the chronograph.

New claims 5-51 have been added as follows:

5. (New) The device recited in claim 4, wherein the input device includes at least one depressable button.
6. (New) The device recited in claim 5, wherein the input device includes a first depressable button for selecting a data field, a second depressable button for incrementing a value in a selected data field, and a third depressable button for decrementing the value in the selected data field.
7. (New) The device recited in claim 1, wherein the chronograph is implemented using a mechanical structure.
8. (New) The device recited in claim 7, further including an optical encoder for converting an elapsed time measured by the chronograph into a digital format.

U.S. Pat. App. No.: 10/086,644
Atty. Docket No.: 005127.00197

9. (New) The device recited in claim 1, wherein the chronograph, the distance memory, and the pace calculation process are incorporated into a personal digital assistant.

10. (New) The device recited in claim 1, wherein the chronograph, the distance memory, and the pace calculation process are incorporated into a watch.

11. (New) The device recited in claim 10, wherein the watch is a wristwatch.

12. (New) The device recited in claim 1, further including a data memory for storing the calculated pace.

13. (New) A method of calculating a pace with a pace calculation device, comprising:
receiving a distance into a distance memory of a pace calculation device;
measuring an elapsed time with a chronograph; and
dividing the distance contained in the distance memory by the elapsed time provided by the chronograph to calculate a pace.

14. (New) The method recited in claim 13, further comprising displaying the calculated pace to a user of the pace calculation device.

15. (New) The method recited in claim 13, further comprising providing the calculated pace to another device.

16. (New) The method recited in claim 13, wherein receiving the distance into the distance memory includes:

receiving input selecting a numerical value; and

receiving input selecting a distance unit from among a plurality of distance units.

17. (New) The method recited in claim 16, wherein the plurality of distance units include

U.S. Pat. App. No.: 10/086,644
Atty. Docket No.: 005127.00197

two or more selected from the group consisting of kilometers, miles, yards, meters, feet, and nautical miles.

18. (New) The method of claim 13, further comprising:
- measuring a second elapsed time with the chronograph that is a segment of a larger elapsed time measured by the chronograph;
 - determining a portion of the distance corresponding to the second elapsed time; and
 - calculating a pace for the portion of the distance.
19. (New) The method recited in claim 13, further comprising:
- measuring a plurality of split times with the chronograph, each split time being a segment of the elapsed time;
 - determining the number of measured split times;
 - dividing the distance by the determined number of measured split times to obtain a segment distance; and
 - dividing the segment distance by at least one of the measured split times to calculate a pace corresponding to the at least one of the measured split times.
20. (New) The method recited in claim 19, further comprising dividing the segment distance by each of the measured split times to calculate a pace corresponding to each of the measured split times.
21. (New) The method recited in claim 13, wherein the distance is received into the distance memory from an input device having at least one depressable button.
22. (New) The method recited in claim 21, further comprising detecting actuation of a

U.S. Pat. App. No.: 10/086,644
Atty. Docket No.: 005127.00197

first depressable button of the input device for selecting a data field, detecting actuation of a second depressable button of the input device for incrementing a value in a selected data field, and detecting actuation of a third depressable button of the input device for decrementing the value in the selected data field.

23. (New) The method recited in claim 1, further comprising receiving the distance into the distance memory before measuring the elapsed time.

24. (New) The method recited in claim 1, further comprising receiving the distance into the distance memory after measuring the elapsed time.

25. (New) The method recited in claim 1, further comprising receiving the distance into the distance memory while measuring the elapsed time.

26. (New) The method recited in claim 1, further comprising saving the calculated pace into a data memory.

27. (New) A method of calculating a pace, comprising:
inputting a distance into a distance memory of a pace calculation device;
prompting the pace calculation device to measure an elapsed time; and
prompting the pace calculation device to calculate a pace by dividing the distance by the elapsed time.

28. (New) The method recited in claim 27, wherein inputting the distance into the distance memory prompts the pace calculation device to calculate the pace.

29. (New) The method recited in claim 27, further comprising prompting the pace calculation device to display the calculated pace.

U.S. Pat. App. No.: 10/086,644

Atty. Docket No.: 005127.00197

30. (New) The method recited in claim 27, further comprising prompting the pace calculation device to provide the calculated pace to another device.

31. (New) The method recited in claim 27, wherein inputting the distance into the distance memory includes:

selecting a numerical value; and

selecting a distance unit from among a plurality of distance units.

32. (New) The method recited in claim 31, wherein the plurality of distance units include two or more selected from the group consisting of kilometers, miles, yards, meters, feet, and nautical miles.

33. (New) The method of claim 27, further comprising:
prompting the pace calculation device to measure a second elapsed time that is a segment of a larger elapsed time; and

prompting the pace calculation device to

determine a portion of the distance corresponding to the second elapsed time; and

calculate a pace for the portion of the distance.

34. (New) The method recited in claim 27, further comprising:
prompting the pace calculation device to measure a plurality of split times with the chronograph, each split time being a segment of the elapsed time; and
prompting the pace calculation device to

determine the number of measured split times;

divide the distance by the determined number of measured split times to obtain a

U.S. Pat. App. No.: 10/086,644
Atty. Docket No.: 005127.00197

segment distance; and

divide the segment distance by at least one of the measured split times to calculate a pace corresponding to the at least one of the measured split times.

35. (New) The method recited in claim 34, further comprising prompting the pace calculation device to divide the segment distance by each of the measured split times to calculate a pace corresponding to each of the measured split times.

36. (New) The method recited in claim 27, further comprising inputting the distance into the distance memory using an input device having at least one depressable button.

37. (New) The method recited in claim 36, further comprising
actuating a first depressable button of the input device to select a data field,
actuating a second depressable button of the input device to incrementing a value in the selected data field, and
actuating a third depressable button of the input device to decrement the value in the selected data field.

38. (New) The method recited in claim 27, further comprising inputting the distance into the distance memory before prompting the pace calculation device to measure the elapsed time.

39. (New) The method recited in claim 27, further comprising inputting the distance into the distance memory after prompting the pace calculation device to measure the elapsed time.

40. (New) The method recited in claim 27, further comprising inputting the distance into the distance memory while the pace calculation device is measuring the elapsed time.

41. (New) A method of calculating a pace with a pace calculation device, comprising:

U.S. Pat. App. No.: 10/086,644
Atty. Docket No.: 005127.00197

receiving a distance into a distance memory of a pace calculation device;
measuring a plurality of split times with the pace calculation device, each split time being a segment of a total elapsed time;
determining the number of measured split times;
dividing the distance by the determined number of measured split times to obtain a segment distance; and
dividing the segment distance by at least one of the measured split times to calculate a pace corresponding to the at least one of the measured split times.

42. (New) The method recited in claim 41, further comprising dividing the segment distance by each of the measured split times to calculate a pace corresponding to each of the measured split times.

43. (New) The method recited in claim 41, further comprising displaying the calculated pace to a user of the pace calculation device.

44. (New) The method recited in claim 41, further comprising providing the calculated pace to another device.

45. (New) The method recited in claim 41, wherein receiving the distance into the distance memory includes:

receiving input selecting a numerical value; and

receiving input selecting a distance unit from among a plurality of distance units.

46. (New) The method recited in claim 45, wherein the plurality of distance units include two or more selected from the group consisting of kilometers, miles, yards, meters, feet, and

U.S. Pat. App. No.: 10/086,644
Atty. Docket No.: 005127.00197

nautical miles.

47. (New) The method recited in claim 41, wherein the distance is received into the distance memory from an input device having at least one depressable button.

48. (New) The method recited in claim 47, further comprising detecting actuation of a first depressable button of the input device for selecting a data field, detecting actuation of a second depressable button of the input device for incrementing a value in a selected data field, and detecting actuation of a third depressable button of the input device for decrementing the value in the selected data field.

49. (New) The method recited in claim 41, further comprising receiving the distance into the distance memory before measuring the split times.

50. (New) The method recited in claim 41, further comprising receiving the distance into the distance memory after measuring the split times.

51. (New) The method recited in claim 41, further comprising saving the calculated pace into a data memory.